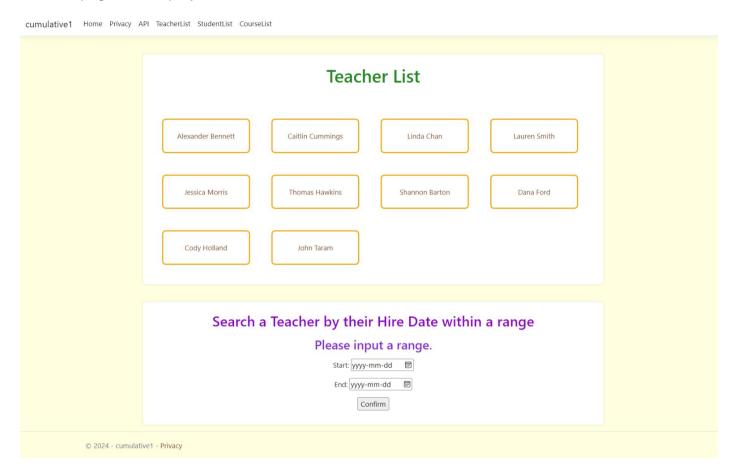
## The API that Lists Teachers:

```
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/ListTeachers"
[{"teacherId":1, "teacherFname":"Alexander", "teacherLname":"Bennett", "employeeNumber":"T378", "hireDate":"2016-08-05T00:00:00", "salary":"$55.30", "courseList":"Web Application Development"}, {"teacherId":2, "teacherFname":"Caitlin", "teacherLname":"Cummings", "employeeNumber":"T381", "hireDate":"2014-06-10T00:00:00", "salary":"$62.77", "courseList":"Project Management, Security & Quality Assurance"}, {"teacherId":3, "teacherFname":"Linda", "teacherLname":"Chan", "employeeNumber":"T382", "hireDate":"2015-08-22T00:00:00", "salary":"$60.22", "courseList":"Web Application Development 2"}, {"teacherId":4, "teacherFname":"Lauren", "teacherLname":"Smith", "employeeNumber":"T385", "hire Date":"2014-06-22T00:00:00", "salary":"$74.20", "courseList":"XML and Web Services"}, {"teacherId":5, "teacherFname":"Jessica", "teacherLname":"Morris", "employeeNumber":"T389", "hireDate":"2012-06-04T00:00:00", "salary":"$48.62", "courseList":"Web Programming, Mobile Develo pment"}, {"teacherId":6, "teacherFname":"Thomas", "teacherId":0:"Nawkins", "employeeNumber":"T393", "hireDate":"2016-08-10T00:00:00", "salary":"$54.45", "courseList":"Carrer Connections"}, {"teacherId":7, "teacherFname":"Shannon", "teacherLname":"Barton", "employeeNumber":"T397", "hireDate":"2013-08-04T00:00:00", "salary":"$64.70", "courseList":"Digital Design"}, {"teacherId name":"Dana", "teacherFname":"Dana", "teacherFname":"Dana", "teacherFname":"Dana", "teacherFname":"Dana", "hireDate":"1401", "hireDate":"2016-06-26700:00:00", "salary":"$71.15", "courseList":"Web Information Architecture, Da tabase Development"}, {"teacherId":9, "teacherId":10, "teacherFname":"Holland", "employeeNumber":"T403", "hireDate":"2016-06-13T00:00:00", "salary":"$10.00:00:00", "salary":"$10.00:00:00", "salary":"$10.00:00:00", "salary":"$10.00:00:00", "salary":"$10.00:00:00", "salary":"$10.00:00:00", "salary":"$10.00:00:00", "salary":"$10.00:00:00:00", "salary":"$10.00:00:00:00", "salary":"$10.00:00:00:00:00:
```

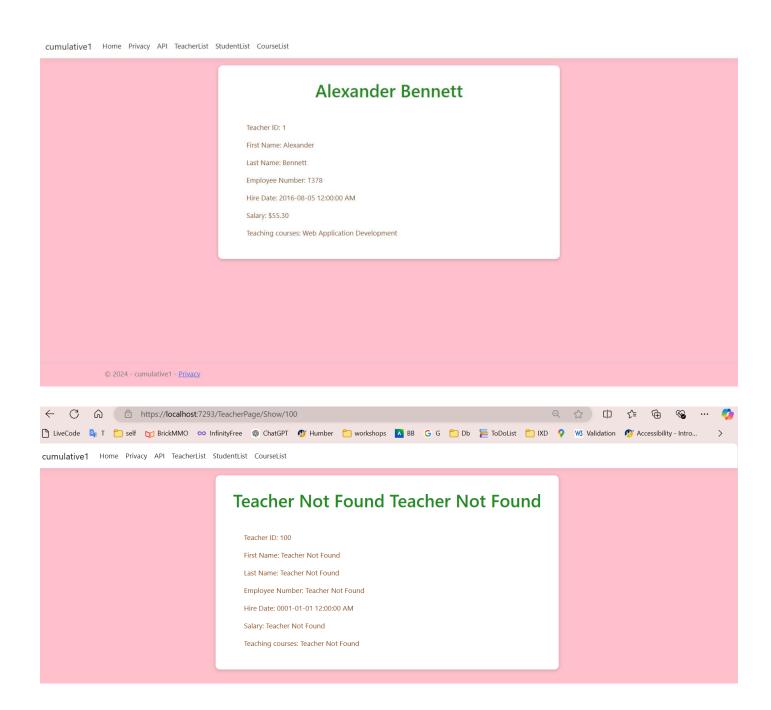
## The web page that displays all teachers:



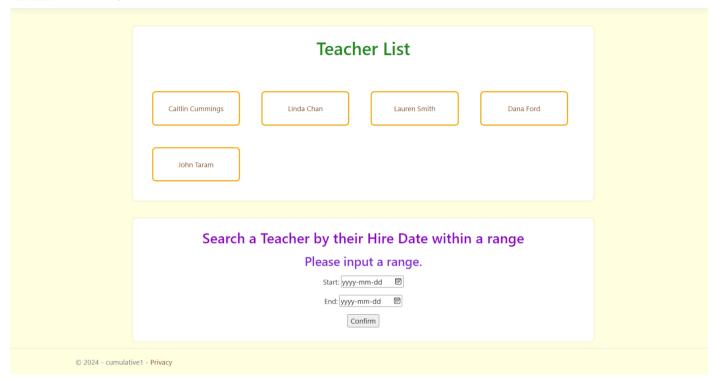
## The API that Finds a Teacher by the Teacher's ID:

```
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/FindTeacher/1"
{"teacherId":1,"teacherFname":"Alexander","teacherLname":"Bennett","employeeNumber":"T378","hireDate":"2016-08-05T00:00:00","salary":
"$55.30","courseList":"Web Application Development"}
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/FindTeacher/100"
{"teacherId":100,"teacherFname":"Teacher Not Found","teacherLname":"Teacher Not Found","employeeNumber":"Teacher Not Found","hireDate
":"0001-01-001700:00:00","salary":"Teacher Not Found","courseList":"Teacher Not Found"}
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/FindTeacher/-1"
{"teacherId":-1,"teacherFname":"Teacher Not Found","teacherLname":"Teacher Not Found","employeeNumber":"Teacher Not Found","hireDate"
:"0001-01-01700:00:00","salary":"Teacher Not Found","courseList":"Teacher Not Found"}
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/FindTeacher/10"
{"teacherId":10,"teacherFname":"John","teacherLname":"Taram","employeeNumber":"T505","hireDate":"2015-10-23T00:00:00","salary":"$79.6
3","courseList":"Massage Therapy"}
```

The web page that displays a teacher:



The website that display the searching result of the teachers between 2014-01-01 and 2015-12-31:



### The API that Lists Students:

C:\Users\tongk> curl -X GET "https://localhost:7293/api/Student/ListStudents"
[{"studentId":1, "studentFname":"Sarah", "studentLname":"Valdez", "studentNumber":"N1678", "enrolDate":"2018-06-18"}, {"studentId":2, "studentId":2, "studentId":1, "studentFname":"Sinon", "studentNumber":"N1679", "enrolDate":"2018-06-14"}, {"studentId":3, "studentId":3, "studentFname":"Austin", "studentLname":"Sinon", "studentNumber":"N1686", "enrolDate":"2018-06-14"}, {"studentId":4, "studentFname":"Mario", "studentNumber":"N1696", "enrolDate":"2018-07-03"}, {"studentId":5, "studentId":5, "studentId":7, "studentLname":"Bitiabeth", "studentNumber":"N1696", "enrolDate":"2018-07-12"}, {"studentId":6, "studentFname":"Bitiabeth", "studentNumber":"N1694", "enrolDate":"2018-08-16"], "studentId":7, "studentNumber":"N1694", "enrolDate":"2018-08-16"], "studentId":7, "studentFname":"N1694", "enrolDate":"2018-08-16"], "studentId":7, "studentId":10, "studentId":10, "studentId":7, "studentId":1, "studentId":7, "studentId":1, "studentId":7, "studentId":1, "studentId":7, "studentId":1, "studentId":7, "s

The web page that displays all students:

## Student List

1 Sarah Valdez N1678 2018-06-18 2 Jennifer Faulkner N1679 2018-08-02 3 Austin Simon N1682 2018-06-14 4 Mario English N1686 2018-07-03 5 Elizabeth Murray N1690 2018-07-12 6 Kevin Williams N1691 2018-08-04 7 Jason Freeman N1694 2018-08-16 8 Nicole Armstrong N1698 2018-07-10 9 Colleen Riley N1702 2018-07-15 10 Julie Salazar N1705 2018-07-10 11 Dr. Bridges N1709 2018-08-22 12 Vanessa Cox N1712 2018-08-17 13 Denise Jackson N1714 2018-07-26 14 Roy Davidson N1715 2018-08-11 15 Ryan Walters N1717 2018-07-25 16 Patricia Sweeney N1719 2018-08-08 18 Melissa Morales N1723 2018-08-10 19 Kimberly Johnson N1727 2018-08-02 20 Andrea Flores N1731 2018-07-09 21 Jason II N1732 2018-06-05 22 David Dunlap N1734 2018-08-27 23 Elizabeth Thompson N1736 2018-08-07 24 Becky Medina N1737 2018-07-02 25 Wayne Collins N1740 2018-07-20 26 Nicole Henderson N1742 2018-06-07 27 David Larson N1744 2018-07-19 28 John Reed N1748 2018-08-15 29 Richard King N1751 2018-08-17 30 Alexander Bennett N1752 2018-07-29 31 Caitlin Cummings N1756 2018-08-02 32 Christine Bittle N0001 2020-10-05

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#### The API that Lists Courses:

C:\Users\tongk>curl -X GET "https://localhost:7293/api/Course/ListCourses"
[{"courseId":1,"courseCode":"http5101","teacherId":1,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"Web Application Development"},{"courseId":2,"courseCode":"http5102","teacherId":2,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"P roject Management"},{"courseId":3,"courseCode":"http5103","teacherId":5,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"Web Programming"},{"courseId":4,"courseCode":"http5104","teacherId":7,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"Digital Design"},{"courseId":5,"courseCode":"http5105","teacherId":8,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"Database Development"},{"courseCode":"http5201","teacherId":2,"startDate":"2019-01-08","finishDate":"2019-01-08","finishDate":"2019-01-08","finishDate":"2019-01-08","finishDate":"2019-01-08","finishDate":"2019-01-08","finishDate":"2019-01-08","finishDate":"2019-01-08","finishDate":"2019-01-08","finishDate":"2019-01-08","finishDate":"2019-04-27","courseCode":"http5206","teacherId":3,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Mobile Development"},{"courseId":10,"courseCode":"http5206","teacherId":6,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Mobile Development"},{"courseId":11,"courseCode":"http5206","teacherId":6,"startDate:":"2019-01-08","finishDate":"2019-04-27","courseName":"Mobile Development"},{"courseId":11,"courseCode":"http5206","teacherId":6,"startDate:":"2019-01-08","finishDate":"2019-04-27","courseName":"Mobile Development"},{"courseId":11,"courseCode":"http5206","teacherId":8,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Mobile Development"},{"courseId":11,"courseCode":"http5206","teacherId":8,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Mobile Development"},{"courseId":11,"courseCode":"http5206","teacherId":8,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Web Informat

The web page that displays all courses:

# **Course List**

- 1 http5101 1 2018-09-04 2018-12-14 Web Application Development 2 http5102 2 2018-09-04 2018-12-14 Project Management
- 3 http5103 5 2018-09-04 2018-12-14 Web Programming
- 4 http5104 7 2018-09-04 2018-12-14 Digital Design

- 5 http5105 8 2018-09-04 2018-12-14 Database Development 6 http5201 2 2019-01-08 2019-04-27 Security & Quality Assurance 7 http5202 3 2019-01-08 2019-04-27 Web Application Development 2
- 8 http5203 4 2019-01-08 2019-04-27 XML and Web Services
- 9 http5204 5 2019-01-08 2019-04-27 Mobile Development
- 10 http5205 6 2019-01-08 2019-04-27 Career Connections
- 11 http5206 8 2019-01-08 2019-04-27 Web Information Architecture 12 PHYS2203 10 2019-09-04 2019-12-14 Massage Therapy